

(8) APPENDIX ICLAIMS APPEALED (09/857.843)

1. An immunogenic composition for conferring protection in a host against disease caused by *Haemophilus influenzae*, comprising:
at least two different antigens of *Haemophilus influenzae*, at least one of which antigens is an adhesin.
2. The immunogenic composition of claim 1 wherein said antigen which is an adhesin is a high molecular weight (HMW) protein of a non-typeable strain of *Haemophilus influenzae*.
3. The immunogenic composition of claim 2 wherein said HMW protein is a HMW1 or HMW2 protein of the non-typeable strain of *Haemophilus influenzae*.
4. The immunogenic composition of claim 1 wherein the antigen of *Haemophilus influenzae* which is not an adhesin is a non-proteolytic heat shock protein of a strain of *Haemophilus influenzae*.
5. The immunogenic composition of claim 4 wherein the non-proteolytic heat shock protein of a strain of *Haemophilus influenzae* is an analog of *Haemophilus influenzae* Hin47 protein having a decreased protease activity which is less than about 10% of that of natural Hin47 protein.
25. A method of immunizing a host against disease caused by infection with *Haemophilus influenzae*, including otitis media, which comprises administering to the host an immunoeffective amount of a composition as claimed in claim 1.
27. The composition of claim 1 wherein said antigen which is an adhesin is a recombinantly-produced high molecular weight (HMW) protein of a non-typeable strain of *Haemophilus influenzae* and said antigen which is not an adhesin is an analog of *Haemophilus influenzae* Hin47 protein having a decreased protease activity which is less than about 10% of that of natural Hin47 protein, in which Histidine-91 is replaced by alanine.